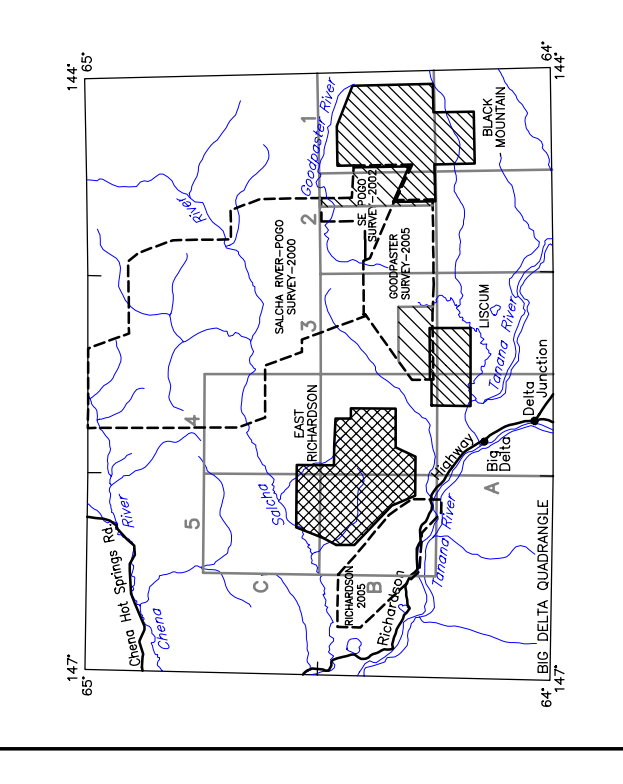


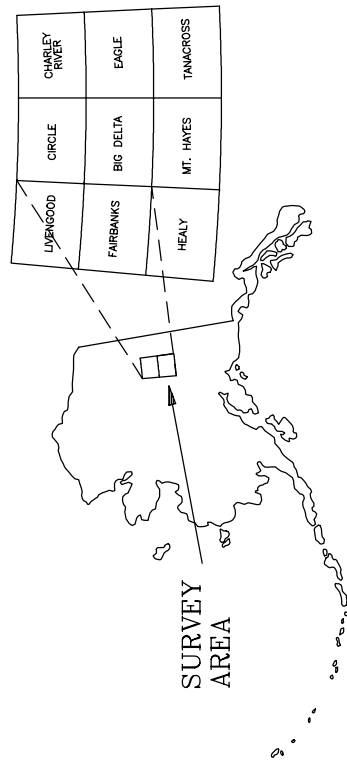
56,000 Hz COPLANAR APPARENT RESISTIVITY OF THE EAST RICHARDSON AREA, FAIRBANKS MINING DISTRICT, INTERIOR ALASKA

PARTS OF BIG DELTA QUADRANGLE
By
Laurel E. Burns, Fugro Airborne Surveys Corp., and Stevens Exploration Management Corp.
2006

LOCATION INDEX



SCALE 1:50,000
0 1 2 3 4 5 KILOMETERS
0 1 2 3 4 5 MILES



RESISTIVITY

The LIDHEM™ DI system measured apparent resistivity and apparent inductance. The DI and inductive sensors were the survey recorded data from a radio altimeter video camera. Flights were performed with an altitude of 200 feet along N-S (or S-N) survey lines. The lines were flown perpendicular to the flight lines at intervals of approximately 3 miles. Positioning System was used for navigation. The apparent resistivity and inductance data were processed using post-flight differential positioning to a position accuracy of 1 meter. The apparent resistivity (AR) data were converted to apparent resistivity (AR) data (Ohm-meters) using a conversion factor constant of 0 and an east constant of 500,000.000.

RESISTIVITY CONTOURS

1000
800
600
500
400
300
200
150
100

Contour interval at 10 intervals per decade

SURVEY HISTORY

This map has been compiled and drawn under contract from the Alaska Division of Geological & Geophysical Survey (ADGGGS) as part of the Fairbanks Mining District Geophysical Survey. The survey was conducted by Fugro Airborne Surveys Corp. in 2006. The data were processed by Fugro Airborne Surveys Corp. in 2006. The map was prepared by Stevens Exploration Management Corp. in 2006. This map and other products from this survey are available from Stevens Exploration Management Corp., 1111 College Road, Fairbanks, Alaska, 99709-3707. Published on the World Wide Web at <http://www.adgggs.dnr.state.ak.us/fairbs/>.

Burns, L.E., 1975. A new method of resistivity and inductance data processing. *Geophysics*, v. 40, p. 634-637.